

# Material Safety Data Sheet

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## IDENTIFICATION

Product Name : **Tag Pen Ink**

Other Names : **Tag Pen Ink**

Manufacturers Product Code : **Tag Pen Ink**

U.N. Number : **Not Allocated**

Dangerous Goods Class : **Class 3 . 2**

Hazchem Code : **3 (Y)**

Toxic Substance Schedule : **N/A**

Uses : **Used in valve action and capillary action Tag Pens for marking polyurethane animal tags**

### Physical Description / Properties

Appearance : **Black oily liquid with odour like acetone and Peppermint**

Boiling Point / Melting Point ( °C ): **157°C / -26°C**

Vapour Pressure ( pascals or mm of Hg at 25° C ): **10mm**

Specific Gravity (20°C) : **0.95**

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Flash Point ( °C ) : **44°C**

Flammability Limits ( % ) : **9.4% upper explosion limit 1.1% lower explosion limit**

Solubility in Water ( g/l ) : **Not available**

Other properties : -----

Ingredients Chemical Entity	Cas No	Proportion
<b>Solvent Black</b>	<b>C57206-83-4</b>	<b>9%</b>
<b>Pimelic Ketone</b>	<b>108-94-1</b>	<b>80%</b>
<b>Resins</b>	<b>-----</b>	<b>11%</b>

## HEALTH HAZARD INFORMATION

### Health Effects

Acute Swallowed : **Toxic - with large doses**

Eye : **Irritant - with prolonged contact**

Skin : **Irritant - toxic**

Inhaled : **Moderate toxicity -narcotic**

Chronic : **Potential to cause acute and chronic health effects with over exposure**

### First Aid

Swallowed : **If poisoning occurs, do not induce vomiting. Give a glass of water to drink. Seek urgent medical attention**

Eye : **Flush gently with running water, holding eyelids open for 15 minutes  
Seek urgent medical attention**

Skin : **Remove contaminated clothing and gently flush affected areas with soap and water**

Inhaled : **Leave area of exposure. If symptoms develop seek urgent medical attention**

**Advice to Doctor : Treat Symptomatically-Contact Poisons and Hazardous Chemicals  
National Information Centre 0- 3- 474 7000 (New Zealand only)**

## PRECAUTIONS FOR USE

Exposure Limits : **No TLV / TWA established for Tag pen ink at ambient temperature**

Personal Protection : **Wear PVC / butyl gloves and coveralls**

Flammability : **Highly flammable liquid and vapour**

## SAFE HANDLING INFORMATION

Storage and Transport : **Non Hazardous- if stored and transported encapsulated in individual Tag pens  
Hazardous (In Bulk) Class 3 Flammable liquid. Not to be loaded with class 1,  
2.1,2.3,4.2,5.1,6,7,& Foodstuffs.**

Spills and Disposal : **If spilled absorb with sand or similar. Ventilate area & eliminate ignition sources**

Fire / Explosion : **Flammable explosive vapour**

Other Information : **Vapour release is unlikely as Tag pens are capped. It is unlikely that  
individual tag pens will cause a fire**

Extinguishing Media : **Dry chemical, carbon dioxide or foam**

Contact Point : **BiC (NZ) Limited Auckland New Zealand**

The data given here is based on current knowledge and experience. The purpose of this Material Safety Data Sheet is to describe the product in terms of its safety requirements. The data does not signify any warranty with regard to the products properties.